



# 1997 TOXICS RELEASE INVENTORY

# DELAWARE

## State/TRI Data

Population	735,143
Square Miles	1,955
Total Facilities	68
Total Forms	255
Form As	35

<b>National Rank for Total On- and Off-site Releases</b> <i>(includes transfers out-of-state for disposal)</i>	
Rank	46
Pounds	3,506,833
<b>National Rank for Total On-site Releases</b> <i>(includes quantities released at the facility; excludes quantities transferred to other sites for disposal)</i>	
Rank	46
Pounds	3,319,493
<b>National Rank for Total Releases within State</b> <i>(excludes transfers out-of-state for disposal)</i>	
Rank	46
Pounds	3,385,106
<b>National Rank for Production-related Waste Managed</b>	
Rank	33
Pounds	141,476,092



The largest triangle appearing in the state map represents the largest facility for on-site releases in the state of Delaware. All triangles are proportionally-sized to represent the amounts of releases at each facility within this state.

## Reported Releases and Waste Management Activities

	Pounds
On-site Releases	3,319,493
Air Emissions	2,791,795
Surface Water Discharges	229,709
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	0
Other On-site Land Releases	297,989
Off-site Releases (Transfers Off-site to Disposal)	187,340
<b>Total On- and Off-site Releases</b>	<b>3,506,833</b>
Recycled On-site	32,896,062
Recycled Off-site	10,540,245
Energy Recovery On-site	19,255,280
Energy Recovery Off-site	1,643,031
Treated On-site	68,642,233
Treated Off-site	4,999,545
Quantity Released On- and Off-site	3,499,696
<i>(excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions)</i>	
<b>Total Production-related Waste Managed</b>	<b>141,476,092</b>
<b>Total Non-production-related Waste Managed</b>	<b>13,626</b>

## Top Five Chemicals for Total Releases In State

CAS Number	Chemical	On-site Releases						Off-site Releases (Transfers Off-site to Disposal)			Total Releases in the State*
		<u>Underground Injection</u>				<u>On-site Releases to Land</u>		Transferred Into State	Transferred Within State	Transferred Out of State	
		Air Emissions	Surface Water Discharges	Class I Wells	Class II-V Wells	RCRA Subtitle C Landfills	Other On-site Land Releases				
		Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
110-54-3	n-Hexane	563,093	0	0	0	0	6	250	0	0	563,349
7647-01-0	Hydrochloric acid	375,086	0	0	0	0	0	0	0	0	375,086
1330-20-7	Xylene (mixed isomers)	309,810	78	0	0	0	0	250	0	0	310,138
	Nickel compounds	2,042	6,700	0	0	0	283,025	250	1,547	6,100	293,564
463-58-1	Carbonyl sulfide	220,000	0	0	0	0	0	0	0	0	220,000

\*The chemical ranking is based on the amounts in this column; these quantities exclude transfers out of state.



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## Top Five Facilities for Total On-site Releases

Facility / City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection			On-site Releases to Land				Transferred Within State	Transferred Out of State
	Air Emissions	Surface Water Discharges	Class I Wells	Class II-V Wells	RCRA Subtitle C Landfills	Other On-site Land Releases			
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Star Enterprise, Delaware City, New Castle	244,056	50,769	0	0	0	297,238	572,063	0	26,100
Townsend's Inc., Millsboro, Sussex	516,275	0	0	0	0	0	516,275	0	0
Du Pont, Seaford, Sussex	318,700	151,000	0	0	0	0	469,700	0	11
General Motors Corp., Wilmington, New Castle	420,037	0	0	0	0	0	420,037	1	270
Du Pont, Edgemoor, New Castle	236,698	0	0	0	0	0	236,698	0	0

\*The facility ranking is based on the amounts in this column.

## Top Five Facilities for Total Quantity Released On-site and Off-site

Facility / City, County	Recycled On-site	Recycled Off-site	Energy Recovery On-site	Energy Recovery Off-site	Treated On-site	Treated Off-site	Quantity Released On- and Off-site*	Total Production-related Waste Managed	Total Non-Production-related Waste Managed
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Star Enterprise, Delaware City, New Castle	0	94,900	17,000,014	427	20,764,890	4	600,022	38,460,257	300
Townsend Inc., Millsboro, Sussex	0	0	0	0	0	0	516,275	516,275	0
Du Pont, Seaford, Sussex	0	0	0	0	40,000	512	469,711	510,223	0
General Motors Corp., Wilmington, New Castle	0	632,100	0	0	125,266	84,993	424,161	1,266,520	0
Du Pont, Edgemoor, New Castle	0	0	0	0	31,340,000	0	236,698	31,576,698	0

\* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

## For More Information...

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